

Application Serial Number 10/506,287
Response to FINAL Office Action
Dated September 12, 2006

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REMARKS / DISCUSSION OF ISSUES

Claims 1-8 and 10 are pending in the application upon entry of the present amendment. Claims 1 and 10 are the independent claims.

Objections to the Specification

Applicants note the objection to the Specification with regard to suggested headings. Applicants respectfully decline to provide such headings noting that these are not required in accordance with MPEP § 608.01(a). Applicants note that the traversal of this objection was also included in the Response dated June 5, 2006. There is no mention of this traversal in the present Office Action. Proper consideration of the traversal is respectfully requested.

Rejections Under 35 U.S.C. § 103

Claims 1-8, 10 were rejected under 35 U.S.C. § 103(a) as being unpatentable in view of *Swanson, et al.* (U.S. Patent 5,889,567), *Weber, et al.* (U.S. Patent 6,025,897) and *Moon, et al.* (U.S. Patent 6,882,386) For at least the reasons set forth below, it is respectfully submitted that this rejection is improper and should be withdrawn. Applicants note that the rejection provided is substantially verbatim the Office Action of February 3, 2006. Applicants maintain their position as to the rejection under 35 U.S.C. § 103(a) in its entirety. The present remarks are in response to the Examiner's Response to Arguments on page 6 of the Final Office Action.

As noted previously, claim 1 is drawn to a projection device and includes, inter alia, "...a transmissive LCD provided at the exit of said reflective polarizer for modulating the light transmitted by said polarizer, said LCD having an integrated reflective color filter array for reflecting light having the wrong color back into said integrator."

Claim 10 includes similar features.

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The Office Action relies on *Swanson, et al.* for the disclosure of various components of claim 1. The Office Action then notes that *Swanson, et al.* lacks the disclosure of a reflective polarizer; and turns to *Weber, et al.* for the disclosure of this feature. Thereafter the Office Action notes that the *Weber, et al.* does not disclose a color filter array.

In combining *Weber, et al.*, the Office Action states 'Weber is evidence that ordinary workers in the art find reason, suggestion or motivation to employ a reflective polarizer between an LCD and an exit surface of an integrator.' In combining *Moon, et al.*, the Office Action states that 'Moon is evidence that ordinary workers in the art find reason, suggestion or motivation to employ a reflective color filter array in an LCD device.'

Applicants again note that the reference to *Moon, et al.* discloses a cholesteric liquid crystal (CLS) color filter. The reference fails to disclose the colour filter array as specifically claimed. The Examiner states that 'it is respectfully pointed out that Moon discloses that the color filter displays red, green and blue color and thus it would have been obvious to one of ordinary skill in the art that Moon discloses a color filter array.' (Kindly refer to pages 6-7 of the Office Action.)

Applicants respectfully submit that a cholesteric liquid crystal color filter of *Moon, et al.* is not a color filter array as claimed. Rather, *Moon, et al.* discloses a cholesteric liquid crystal (CLC) display device includes a first substrate, a circular polarizer on the first substrate, a cholesteric liquid crystal (CLC) color filter on the circular polarizer, a first electrode on the cholesteric liquid crystal (CLC) color filter, a second substrate spaced apart from the first substrate, a second electrode beneath the second substrate, a liquid crystal layer between the first and second electrodes, a back light under the first substrate, a diffusive film on the second substrate, a retardation layer on the diffusive film, and a linear polarizer on the retardation layer. The circular polarizer is formed of cholesteric liquid crystal (CLC) material. The cholesteric liquid crystal (CLC) color filter has a dual layer structure wherein each layer has a different helical pitch. The cholesteric liquid crystal (CLC) display device may further comprise an

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absorptive color filter on the cholesteric liquid crystal (CLC) color filter. (Kindly refer to the reference to *Moon, et al.* for additional details.)

Thus, the reference discloses a CLC color that transmits light based on polarization states; and thereby transmits light of certain colors based on polarization. However, there is no suggestion of the color filter array as claimed.

Moreover, Applicants respectfully submit that the Examiner has provided no evidence whatsoever in support of the proffered position that "it would have been obvious to one of ordinary skill in the art that Moon discloses a color filter array." Without such evidence, it is respectfully submitted that this assertion is merely the application of hindsight in view of Applicants' disclosure to realize the claimed invention. Applicants respectfully request the citation in the prior art of this claimed feature, or else withdrawal of the rejection. If the assertion is from the personal knowledge of the Examiner, an affidavit under 37 C.F.R. § 1.104(d) (2) is respectfully requested.

Therefore, it is respectfully submitted that a *prima facie case* of obviousness has not been properly made. Thus claims 1 and 10 are patentable over the applied art. Furthermore, claims 2-8, which depend from claim 1, are also patentable over the applied art at least because of their dependence on claim 1.

Conclusion

In view of the foregoing, applicant(s) respectfully request(s) that the Examiner withdraw the objection(s) and/or rejection(s) of record, allow all the pending claims, and find the application in condition for allowance. If any points remain in issue that may best be resolved through a personal or telephonic interview, the Examiner is respectfully requested to contact the undersigned at the telephone number listed below.

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